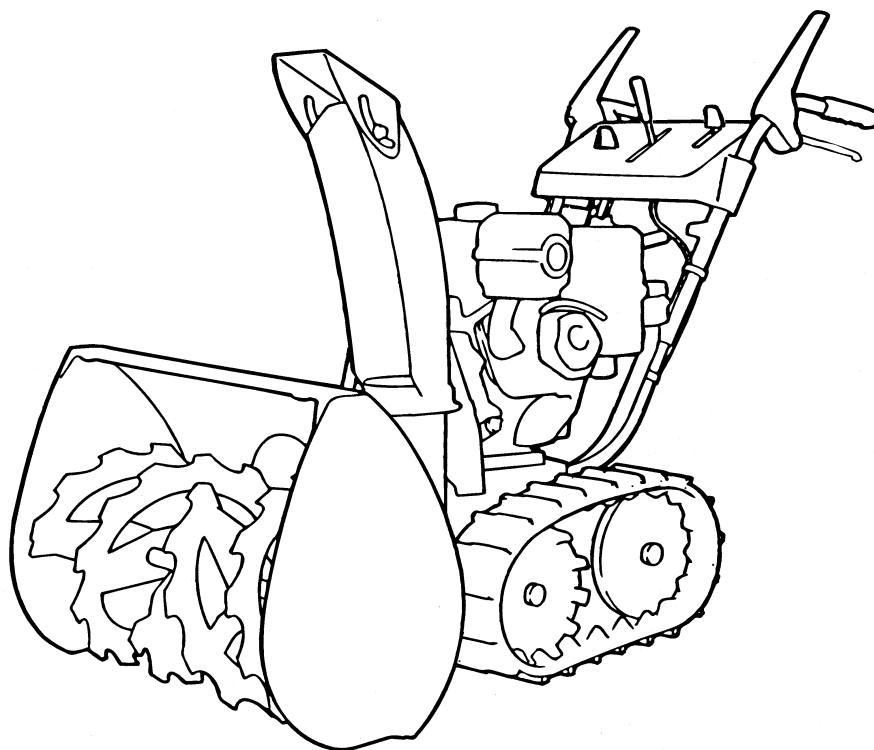


HONDA

Power

Equipment

**Dealer Instructions
for
SETUP
and
PRE-DELIVERY SERVICE
HSS760A • HSS970A • HSS1380A
SNOWBLOWERS**



IMPORTANCE OF PROPER SETUP AND PRE-DELIVERY SERVICE

FOR YOUR CUSTOMER'S SAFETY

Proper setup and pre-delivery service are essential to the customer's safety and the reliability of the snowblower. Any error or oversight made during assembly and servicing of a snowblower can result in faulty operation, damage to the snowblower, or injury to others.

WARNING

Improper setup or pre-delivery service can create an unsafe condition that can cause your customer or others to be seriously hurt or killed.

Follow the procedures and precautions in this manual and other service materials carefully.

FOR YOUR SAFETY

Some of the most important general safety precautions are given below. However, we cannot warn you of every conceivable hazard that can arise in performing setup and pre-delivery service. Only you can decide whether or not you should perform a given task.

WARNING

Failure to properly follow instructions and precautions can cause you to be seriously hurt or killed.

Follow the procedures and precautions in this manual carefully.

IMPORTANT SAFETY PRECAUTIONS

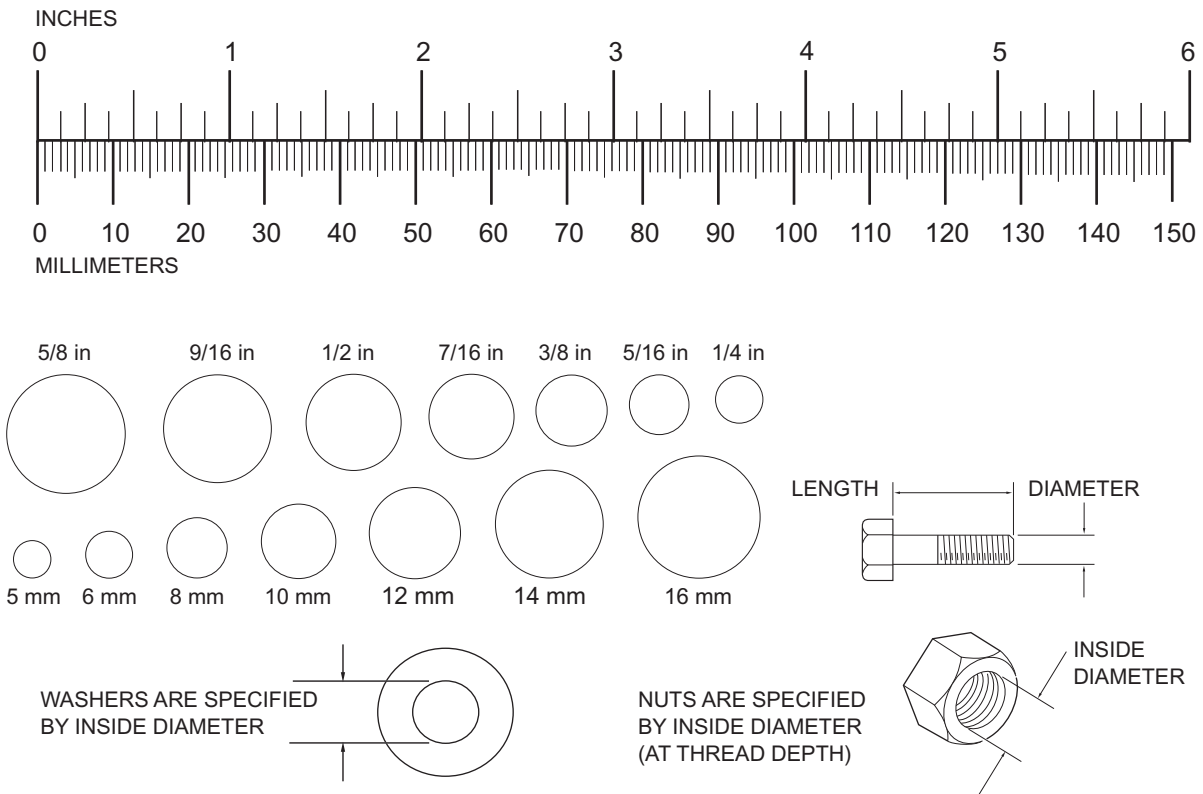
- Make sure you have a clear understanding of all basic shop safety practices and that you are wearing appropriate clothing and safety equipment. When performing setup and pre-delivery service, be especially careful of the following:
 - Read all of the instructions before you begin, and make sure you have the tools, the replacement or repair parts, and the skills required to perform the tasks safely and completely.
 - Protect your eyes by using proper safety glasses, goggles, or face shields any time you hammer, drill, grind, or work around pressurized air, pressurized liquids, springs, or other stored-energy components. If there is any doubt, put on eye protection.
 - Use protective wear (gloves, safety shoes, etc.) when necessary. Handling hot or sharp parts can cause severe burns or cuts. Before you grab something that looks like it can hurt you, stop and put on gloves.
- Make sure the engine is off before you begin any servicing procedures unless the instruction tells you to do otherwise. This will help eliminate several potential hazards:
 - Carbon monoxide poisoning from engine exhaust—Be sure there is adequate ventilation whenever you run the engine.
 - Burns from hot parts—Let the engine and exhaust system cool before working in those areas.
 - Injury from moving parts—If the instruction tells you to run the engine, be sure your hands, fingers, and clothing are out of the way.
- Petrol vapors are explosive. To reduce the possibility of a fire or explosion, be careful when working around petrol.
 - Use only a nonflammable solvent, not petrol, to clean parts.
 - Never store petrol in an open container.
 - Keep all cigarettes, sparks, and flames away from all fuel-related parts.

Setup and pre-delivery service must be performed by an authorized Honda snowblower dealer. These instructions are provided for dealer use.

FOLLOW THESE INSTRUCTIONS CAREFULLY

Proper setup and pre-delivery service are essential for safe, reliable operation. Your customer expects his or her Honda snowblower to be correctly assembled, adjusted, and ready for use; test the snowblower to be sure that it functions properly. Fill out the *Power Equipment Pre-Delivery Check List (TO056)* and give the yellow copy to the customer.

How to measure hardware and components:



NUT AND BOLT DIAMETER	STANDARD TORQUE VALUES		
	N·m	kg·m	ft·lb
6 mm pan-head screws	9	0.9	6.5
6 mm flange bolts	11	1.1	8.0
8 mm flange bolts and nuts	22	2.2	16.0
10 mm flange bolts and nuts	34	3.5	25.0





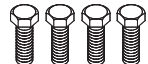





Torque values for special hardware will be called out during the procedure.

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LOOSE PARTS

Remove the crate cover and open the parts carton.

Remove all the parts from the carton. Check the parts against this list.

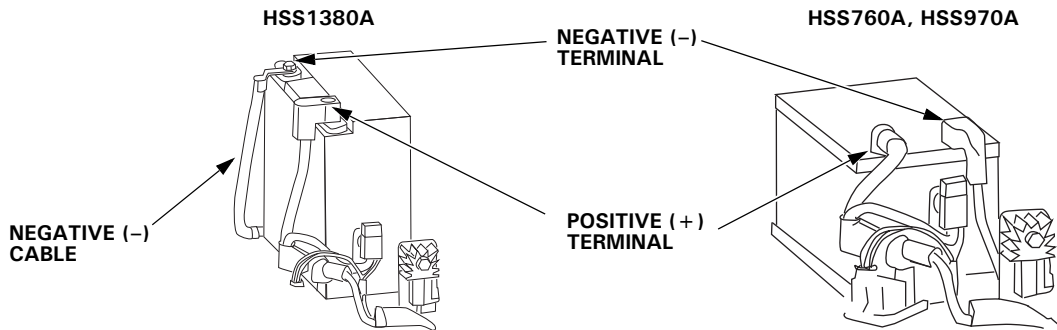
Description	Quantity	Part Number	Illustration
Owner's manual	2	00X31V45A100	
Tool Kit (contains spark plug wrench & handle, 10 x 12 mm wrench, and 14 x 17 mm wrench)	1	N/A	
6 x 18 mm Blower Shear Bolt	2	90121-V45-A00	
6 mm Self Lock Nut	6	90343-ZE6-000	
6 x 18 mm Auger Shear Bolt	4	90119-V45-A00	
5 A Fuse (ETD, EWD)	1	98200-30500	
Ignition switch key	2	35110-766-003	
Auger skid, rear mount (EW, EWD)	2	76728-V45A-A004	
8 mm Flange nut (EW, EWD)	4	94050-08080	
8 mm Washer (EW, EWD)	4	94103-08800	

UNCRATING

1. Remove and discard the crate top frame, side, and braces.
2. Remove and discard the shipping straps from the engine bed side plates and auger assembly.
3. Squeeze both steering control levers and pull the snowblower off the crate base.

SETUP

1. (ETD, EWD) Check battery voltage and recharge if lower than 12.9 V.



PRE-DELIVERY INSPECTION CHECKLIST

Refer to the owner's manual or shop manual for more detailed procedures if necessary.

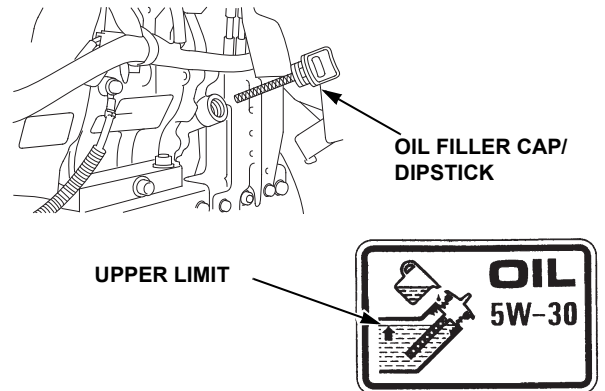
1. The snowblower is shipped **WITHOUT ENGINE OIL** in the engine.

Remove the oil filler cap/dipstick and add oil to bring the level to the upper limit.

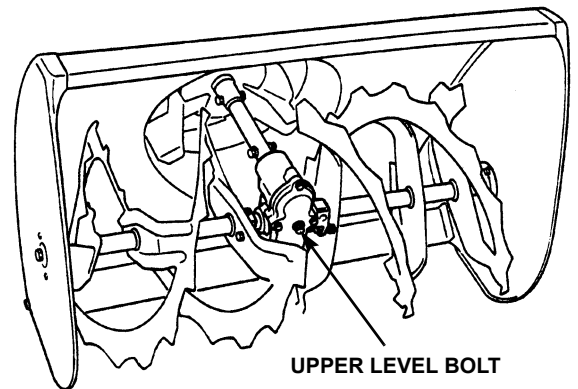
Do not overfill. If the engine is overfilled, the excess oil may get transferred out the crankcase breather hose.

Use Honda engine oil SAE 5W-30 with an API rating of SJ or later.

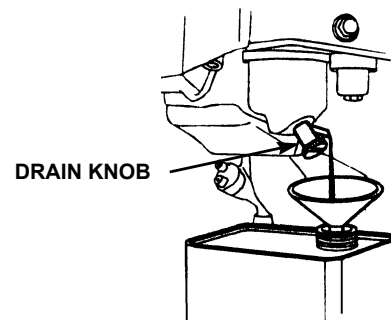
Part number: 08207-5W30



2. With the snowblower on a level surface, remove the upper level bolt from the auger transmission and add oil until oil runs out the bolt hole. Install the upper level bolt. Use SAE 75W-90 Hypoid gear oil with an API rating of GL-5.



3. Drain the fuel tank and the carburetor float bowl. Fill the fuel tank with fresh unleaded petrol with a Research Octane Number of 91 or higher (86 pump octane or higher).



WARNING

Petrol is highly flammable and explosive.

You can be burned or seriously injured when handling fuel.

- Stop engine and keep heat, sparks, and flame away.
- Handle fuel only outdoors.
- Wipe up spills immediately.

HSS760A • HSS970A • HSS1380A SNOW BLOWERS

Refer to the owner's manual for facts about oxygenated fuels.

4. **(EW, EWD):** Check tyre air pressure and inflate to 138 kPa if necessary.

NOTICE

Over-inflating the tyres may damage the tyres and cause the snowblower to pull to one side. Do not inflate the tyres beyond the maximum tyre pressure of 159 kPa.

5. **(ET, ETD):** Check track tension.

- a. With the snowblower resting on its tracks, check track deflection by pressing down midway between the wheels with a force of 49 N.

CORRECT TRACK DEFLECTION	
11 ~ 16 mm	

- b. Adjust if necessary. Be sure to adjust both sides evenly.

6. Check the security of all nuts and other fasteners. Tighten if necessary.

7. Check the scraper bar and skid shoe adjustments:

The skid shoes are mounted on the sides of the auger housing on wheel models or on the rear of the auger housing for track models.

- a. Place the snowblower on a level surface.

On track-type models, press the auger height adjust lever, raise the auger off the ground and gently lower it until it rests on the skid shoes. Repeat after skid shoes are adjusted. (do not lift the handlebars).

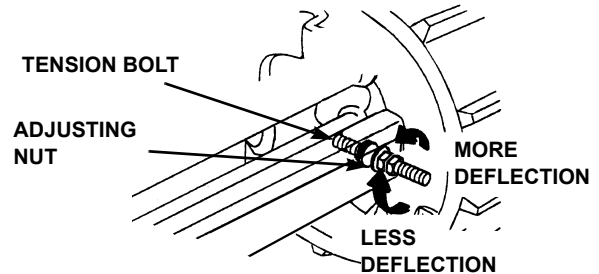
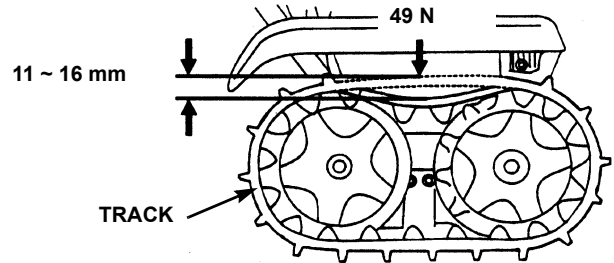
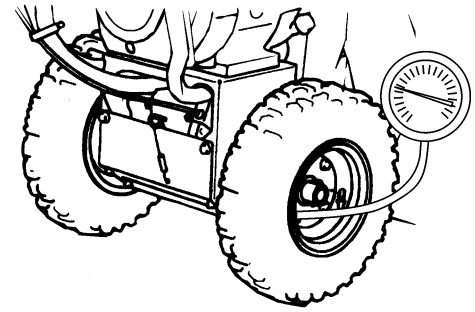
- b. Adjust the skid shoes to set the auger ground clearance initially for ordinary surfaces.

AUGER GROUND CLEARANCE	
Ordinary surfaces	4.0 ~ 8.0 mm
Smooth icy surfaces	0 ~ 5.0 mm
Rough surfaces	25.0 ~ 30.0 mm

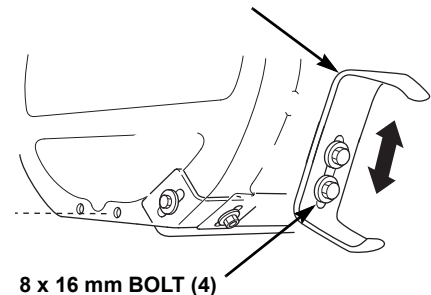
- c. Set the skid shoes evenly on the surface.
d. After adjustment, tighten the four 8 x 16 mm bolts.

TORQUE: 24 ~ 29 N•m

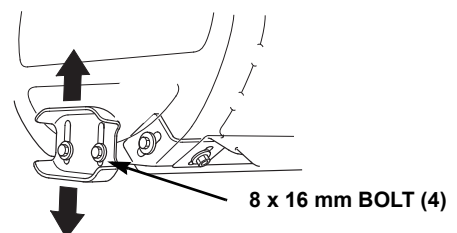
- e. After adjusting the skid shoes, raise the auger off the ground and slowly lower it. Confirm that both skid shoes contact the ground at exactly the same time. If not, the unit will not track straight.



TRACK MODELS
REAR-MOUNT SKID SHOES (2)



WHEEL MODELS
SIDE-MOUNT SKID SHOES (2)

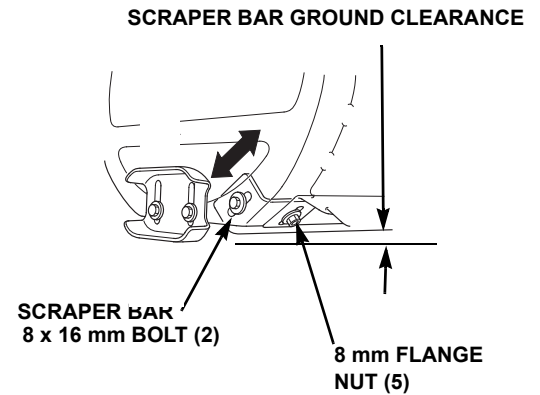


- f. Measure the scraper bar ground clearance. If needed, adjust by loosening the five 8 mm flange nuts and the two 8 x 16 mm bolts. Evenly set the scraper bar to obtain the specified clearance.

SCRAPER BAR-TO-GROUND CLEARANCE
2.0 ~ 4.0 mm

- g. After adjustment, tighten the five 8 mm flange nuts and the two 8 x 16 mm bolts.

TORQUE: 24 ~ 29 N•m



OPERATIONAL TESTS

Test every snowblower to be sure it functions properly.

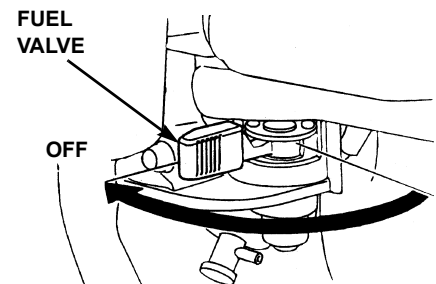
- (ETD, EWD):** Check the electric starter operation.
- Check the operation of the engine controls:
 - Turn the fuel valve ON and then the engine switch to the ON position.
 - Check the throttle lever and choke knob.
Refer to the shop manual if cable adjustment is necessary.
- Start the engine outside on a flat, level surface.
- Use a tachometer to check engine idle rpm with the throttle lever in the SLOW position.
Refer to the shop manual if adjustment is necessary.

HSS760A	2,100 ± 150 rpm
HSS970A, HSS1380A	2,200 ± 150 rpm

- Use a tachometer to check the maximum governed rpm with the throttle lever in the FAST position and auger clutch lever disengaged.
Refer to the shop manual if adjustment is necessary.

HSS760A	3,650 ~ 3,800 rpm
HSS970A	3,450 ~ 3,600 rpm
HSS1380A	3,350 ~ 3,500 rpm

- Check the auger clutch lever operation with the engine running and the throttle lever in the FAST position.
Make sure the auger engages and disengages smoothly.
- Engage the drive clutch lever and make sure the snowblower propels forward and stops propelling when the lever is released.
- Check the shift lever operation.
- Check the chute joystick operation in all directions.
- Check the steering control levers for proper operation.
- Make sure the engine stops when you move the engine switch to the OFF position.
- Make sure the work light comes on when the engine is running.
- Upon completion of tests, check for fuel and oil leaks. Repair as necessary.
- Turn the fuel valve to the OFF position. Start and run the engine until the carburetor runs out of petrol.



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